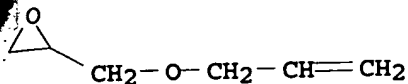


CM 4

CRN 106-92-3
CMF C6 H10 O2



CM 5

CRN 75-21-8
CMF C2 H4 O



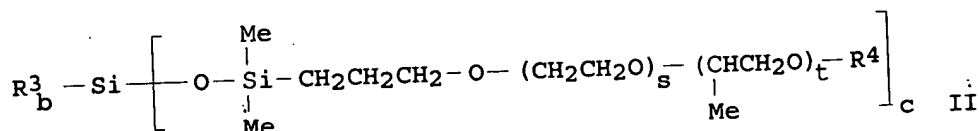
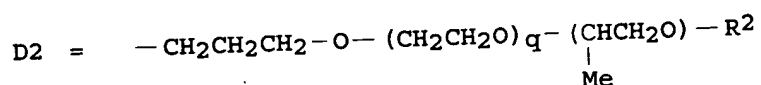
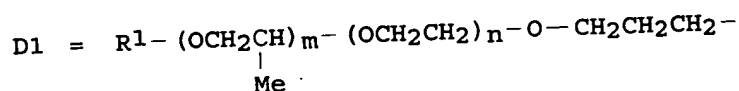
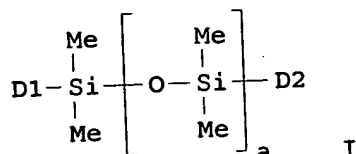
- IC ICM H01B001-06
ICS C08G065-336; C08K003-00; C08L071-02; H01M010-40
CC 52-2 (Electrochemical, Radiational, and Thermal Energy Technology)
ST secondary lithium battery electrolyte
polyether polymer oxirane compd
IT Battery electrolytes
(electrolytes containing crosslinked ether copolymers for secondary lithium batteries)
IT Polyethers, uses
(electrolytes containing crosslinked ether copolymers for secondary lithium batteries)
IT Secondary batteries
(lithium; electrolytes containing crosslinked ether copolymers for secondary lithium batteries)
IT 7439-93-2, Lithium, uses
(anode; electrolytes containing crosslinked ether copolymers for secondary lithium batteries)
IT 108-32-7, Propylene carbonate 12190-79-3, Cobalt
lithium oxide (CoLiO2) 90076-65-6 558474-53-6
558474-55-8
(electrolytes containing crosslinked ether copolymers for secondary lithium batteries)

L39 ANSWER 10 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2003:374045 HCAPLUS
DOCUMENT NUMBER: 138:388152
TITLE: Electrolyte and battery using the electrolyte
INVENTOR(S): Horie, Takeshi
PATENT ASSIGNEE(S): Sony Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

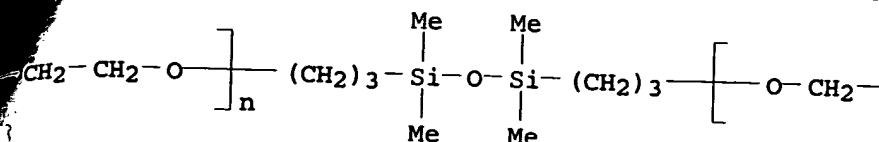
NO.	KIND	DATE	APPLICATION NO.	DATE
2003142157	A2	20030516	JP 2001-334952	2001 1031
			<--	
			JP 2001-334952	2001 1031
			<--	

SECURITY APPLN. INFO.:



- AB The electrolyte, especially for a secondary lithium battery, contains a siloxane derivative I (a = integer 1-50; m,n,q = integer 0-40; R1,R2 = H, alkyl, or halogen-substituted alkyl group) or II [b = integer 1-3; c = integer 1-4; (b+c) = 4; s,t = integer 0-40; R3 = Me; R4 = H, alkyl, or halogen-substituted alkyl group], and an electrolyte salt. The battery has a cathode, an anode, and the above electrolyte.
- IT 527950-44-3 527950-48-7 527950-54-5
(electrolytes containing siloxane derivs. for secondary lithium batteries)
- RN 527950-44-3 HCAPLUS
- CN Poly(oxy-1,2-ethanediyl), α,α' -[(1,1,3,3-tetramethyl-1,3-disiloxanediyl)di-3,1-propanediyl]bis[ω -methoxy- (9CI)
(CA INDEX NAME)]

PAGE 1-A



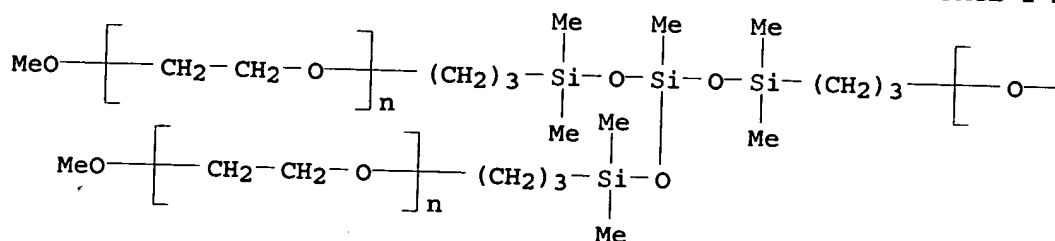
PAGE 1-B

RN
CN

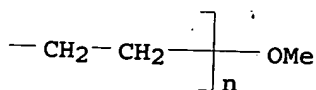
527950-48-7 HCAPLUS

Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, ether
with 3,3'-[3-[[[(3-hydroxypropyl)dimethylsilyl]oxy]-1,1,3,5,5-
pentamethyl-1,5-trisiloxanediyl]bis[1-propanol] (3:1) (9CI) (CA
INDEX NAME)

PAGE 1-A



PAGE 1-B

RN
CN

527950-54-5 HCAPLUS

Poly(oxy-1,2-ethanediyl), α -hydro- ω -methoxy-, ether
with 3,3'-[3,3-bis[[[(3-hydroxypropyl)dimethylsilyl]oxy]-1,1,5,5-
tetramethyl-1,5-trisiloxanediyl]bis[1-propanol] (4:1) (9CI) (CA
INDEX NAME)

$$\begin{array}{c} \text{Me} \\ | \\ \text{---} \left[\text{CH}_2 - \text{CH}_2 - \text{O} \right]_n \text{---} (\text{CH}_2)_3 \text{---} \text{Si} \text{---} \text{O} \\ | \quad | \\ \text{Me} \quad \text{Me} \\ | \\ \text{Me} \\ | \\ \text{Me} \\ | \\ \text{Me} \end{array} \quad \begin{array}{c} \text{Me} \\ | \\ \text{---} \left[\text{CH}_2 - \text{CH}_2 - \text{O} \right]_n \text{---} (\text{CH}_2)_3 \text{---} \text{Si} \text{---} \text{O} \text{---} \text{Si} \text{---} \text{O} \text{---} \text{Si} \text{---} (\text{CH}_2)_3 \text{---} \left[\text{O} \text{---} \right]_m \text{---} \\ | \quad | \quad | \\ \text{Me} \quad \text{Me} \quad \text{Me} \end{array}$$
$$\text{---CH}_2\text{---CH}_2\text{---} \left[\begin{array}{c} | \\ \text{OMe} \end{array} \right]_n$$

IC ICM H01M010-40
ICS C08K003-00; C08L083-12; H01B001-06; H01B001-12
CC 52-2 (Electrochemical, Radiational, and Thermal Energy
Technology)
ST secondary lithium battery electrolyte siloxane
deriv
IT Battery electrolytes
(electrolytes containing siloxane derivs. for secondary
lithium batteries)
IT Polysiloxanes, uses
(electrolytes containing siloxane derivs. for secondary
lithium batteries)
IT Secondary batteries
(lithium; electrolytes containing siloxane derivs. for
secondary lithium batteries)
IT 90076-65-6 527950-44-3 527950-48-7
527950-54-5
(electrolytes containing siloxane derivs. for secondary
lithium batteries)

L39 ANSWER 11 OF 18 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2002:157932 HCAPLUS
DOCUMENT NUMBER: 136:202190
TITLE: Compositions and methods for odor and fungal
control in ballistic fabric and other
protective garments
INVENTOR(S): Duval, Dean Larry; Ofosu-Asante, Kofi; Orr,
Michael Joseph
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 43 pp.
CODEN: PIXXD2